Date: **Aug 2022**   Distribution: **Public**   Reference: **S20-FW-RN-EN-2**

S20 Firmware

07A08.00 - Aug 2022

Key new feature

- Added Far-End Fault Indication (FEFI) support.
- Disable TX of optical port when a Far end Fault occurs.

Cybersecurity fixes

- Cyber security fixes were delivered in this firmware version, for more information please refer to GE's security notice GES-2022-008.

Notable bug fixes

- Fixed MAC table and Mirroring configuration error after 07A07 firmware upgrade.
- Fixed SNMP Community default (0.0.0.0 public and private) back after restart when deleted.
- Fixed optical SFP port configured as "100Mbps FDX" returning to "Auto".

Hardware compatibility

- Firmware 07A08 is compatible with hardware version B and C.

Upgrade procedure

- Upgrade directly from firmware 06A02.00 or newer
- Follow process outlined in S20 technical manual, chapter 7, section 2.3.
- When performing firmware upgrade, please make sure to save the running configuration to the startup between each upgrade.
- After firmware upgrade, please clear the web browser's cache for changes to take effect.

Upgrade impact

- Firmware downgrades are not allowed.

07A07.00 - Jul 2021

Key new feature

- Digital Diagnostics Monitoring (DDM) functionality for optical SFP transceivers
- New alarms using the dry-contact relay or SNMP traps were add based on DDM measurements

Cybersecurity fixes

- Web interface user session was preserved after switch reboot
- User with "read-only" privilege level could clear equipment log

Notable bug fixes

- Fixed unexpected reset during equipment power on
- Local user authentication not working with RADIUS authentication enabled
- Fixed SFP identification: 1 Gbps 80 km single mode SFP transceiver
- Syslog would log "HTTP protocol" for users authenticating through "HTTPS protocol"

Hardware compatibility

- Firmware 07A07 is compatible with hardware version B and C.

Upgrade procedure

- Upgrade directly from firmware 06A02.00 or newer
- Follow process outlined in S20 technical manual, chapter 7, section 2.3.
- When performing firmware upgrade, please make sure to save the running configuration to the startup between each upgrade.
- After firmware upgrade, please clear the web browser's cache for changes to take effect.

Upgrade impact

- Firmware downgrades are not allowed.

07A06.00 - Sep 2020

Key new features

- Configurable persistence of alarms (dry-contact relay / LEDs), so user may decide whether an alarm to persist once triggered or to deactivate once the situation is cleared.

Other new features

- Added physical port label in CLI spanning-tree command: "show spanning-tree"

Notable bug fixes

- Fixed cross-site scripting vulnerability in web interface
- Failsafe relay and LED wound incorrectly activate

Hardware compatibility

- Firmware 07A06.00 is compatible with hardware version B and C.

Upgrade procedure

- Upgrade directly from firmware 06A02.00 or newer
- Follow process outlined in S20 technical manual, chapter 7, section 2.3.
- When performing firmware upgrade, please make sure to save the running configuration to the startup between each upgrade.

Upgrade impact

- Firmware downgrades are not allowed.

For questions or further product support, please contact the GE support team using:

Region	E-mail	Telephone
Global Contact Centre	GA.support@GE.com	+44 1785 250070
Central, East Asia, Pacific	GA.supportCEAP@GE.com	+61 414 730 964
India	GA.supportIND@GE.com	+91 44 2264 8000
Middle East, North Africa, Turkey	GA.supportMENAT@GE.com	+971 42929467
Europe, Russia, CIS, Sub-Saharan Africa	GA.supportERCIS@GE.com	+34 94 4858854
North America	GA.supportNAM@GE.com	+1 877 605 6777
Latin America	GA.supportLAM@GE.com	+55 48 2108 0300